Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 1 of 19

}

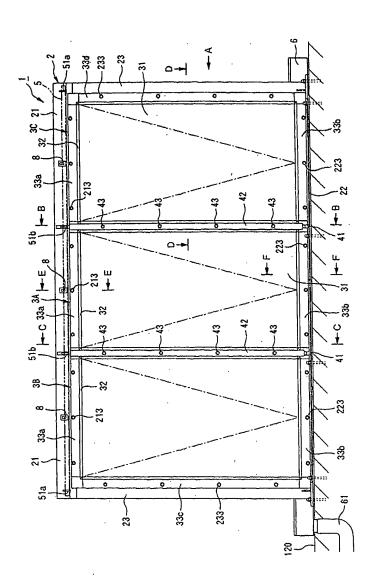


FIG. ]

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 2 of 19

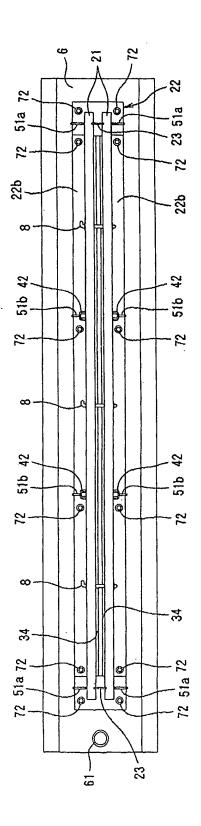


FIG.

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 3 of 19

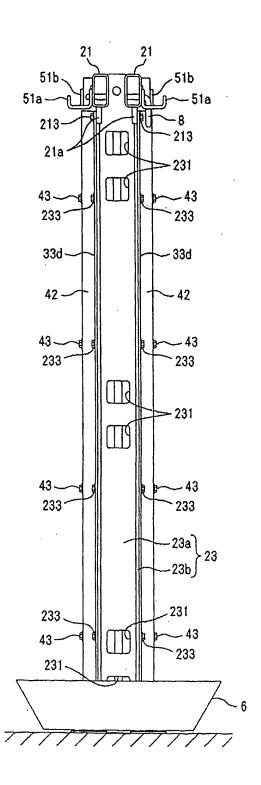


FIG. 3

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 4 of 19

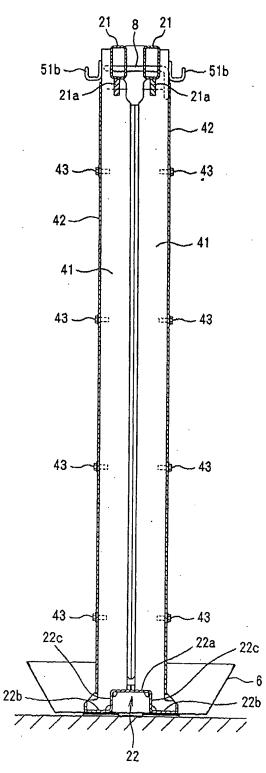


FIG. 4

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 5 of 19

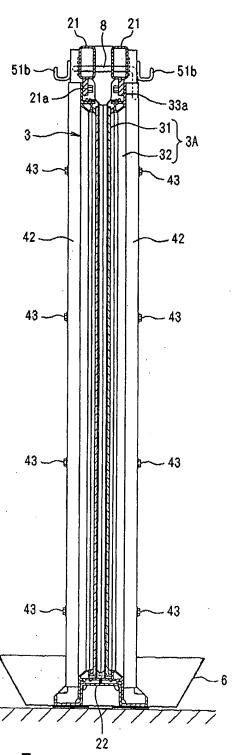


FIG. 5

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 6 of 19

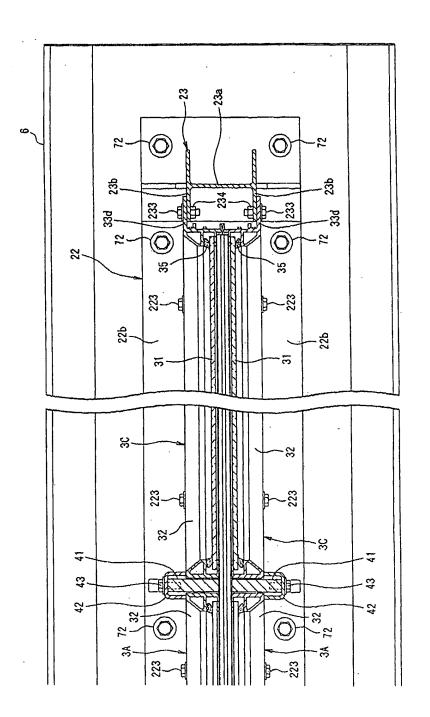


FIG. 6

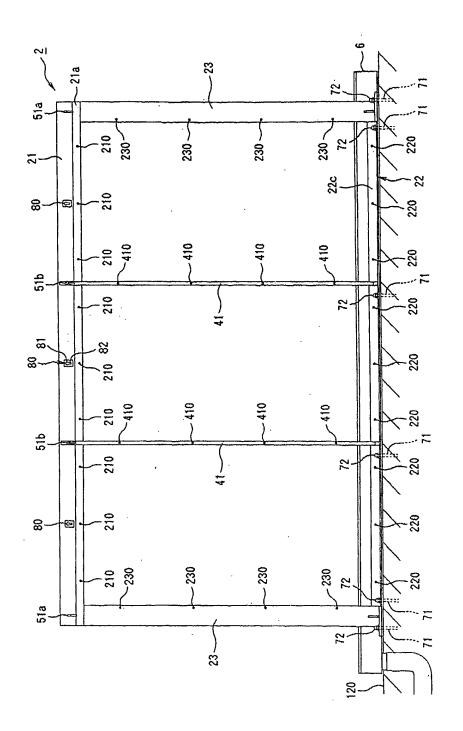


FIG.

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 8 of 19

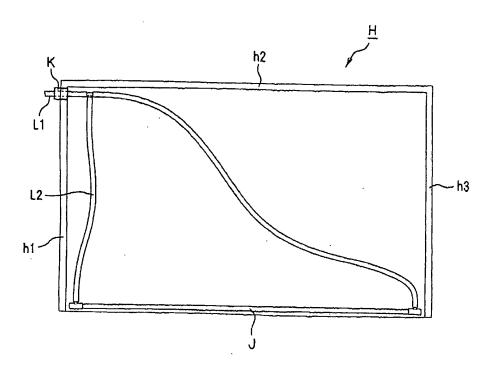


FIG. 8

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 9 of 19

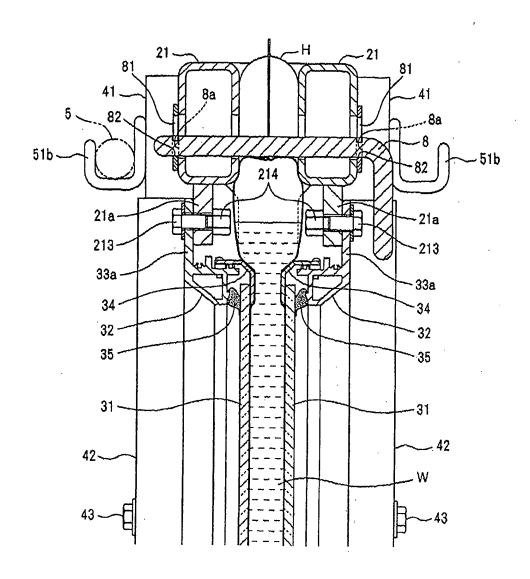
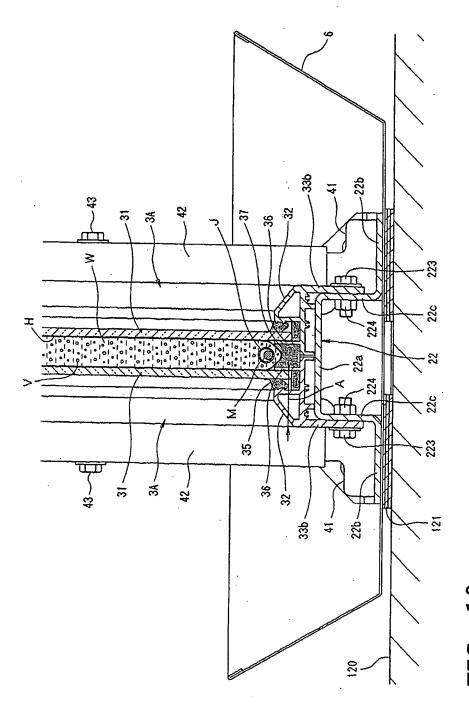
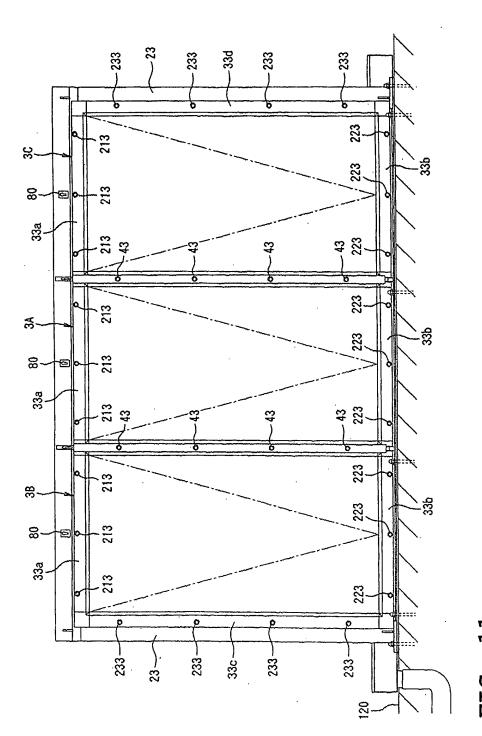


FIG. 9

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 10 of 19



 ${
m FIG.}$  IO



F.T.C. T

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 12 of 19

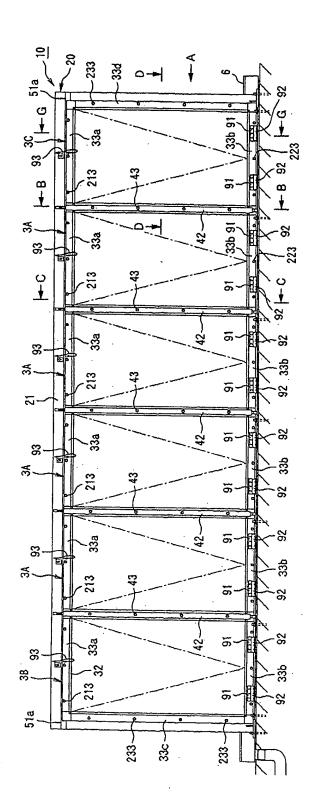
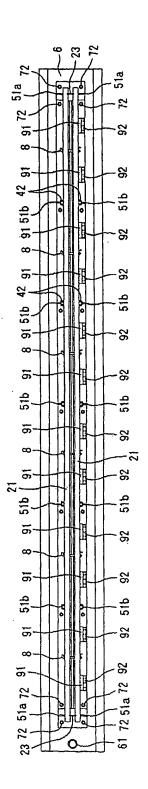


FIG. 1

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 13 of 19



IG. 1

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 14 of 19

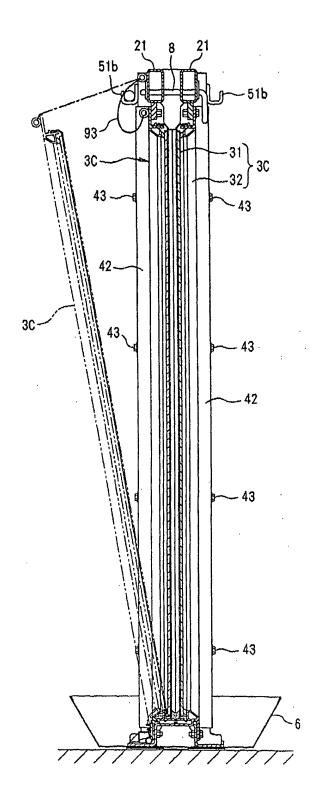


FIG. 14

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 15 of 19

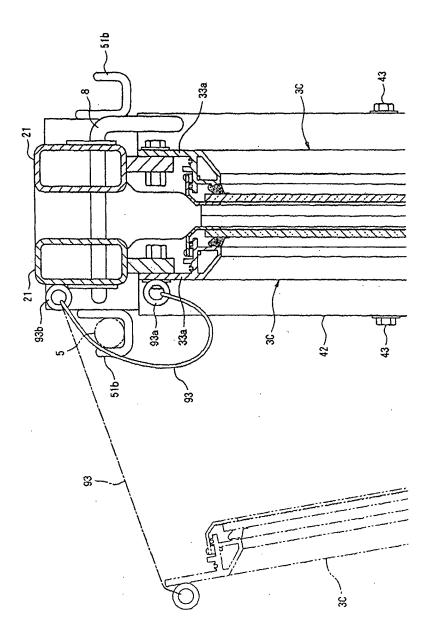


FIG. T

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 16 of 19

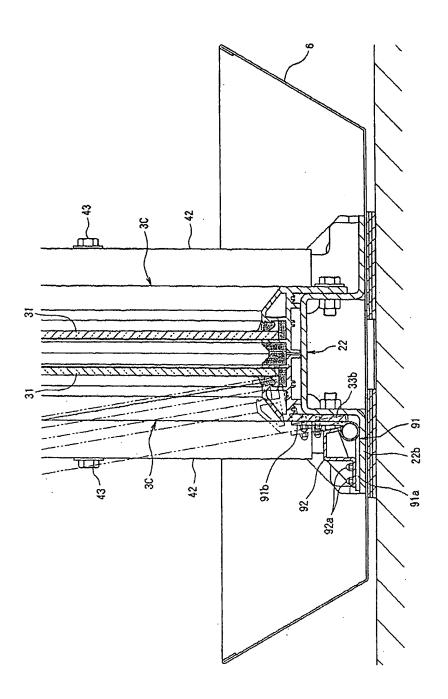


FIG. 16

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 17 of 19

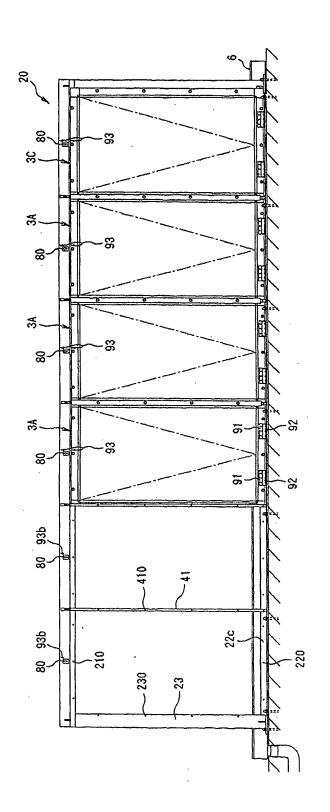


FIG. 1

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 18 of 19

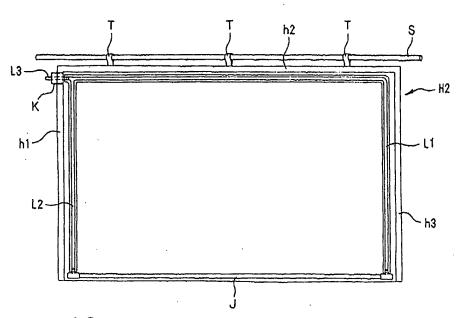


FIG. 18

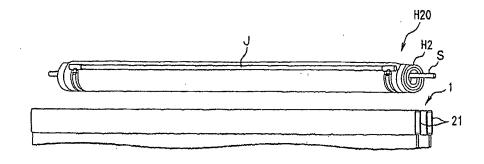


FIG. 19

Keating & Bennett, LLP 90606.87/ym Fujihiko TOMITA et al. MICROORGANISM CULTURING... Page 19 of 19

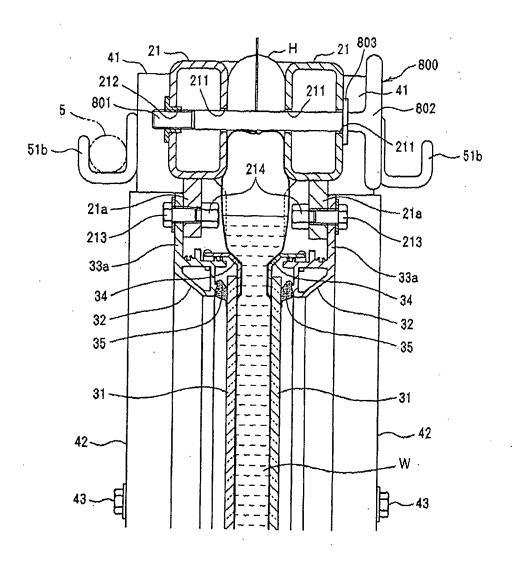


FIG. 20